

CLAIMS

What is claimed is:

1. A foodstuff holding device that produces sounds based upon interactions therewith, said holding device comprising: a rigid housing assembly having means for holding foodstuff; a foodstuff member removably secured to said rigid housing; output means for producing sound, said output means being supported by said housing assembly; a power supply for energizing said output means, said power supply being electrically coupled to said output means; and a control means for regulating said sound of said output means, said control means operatively joining said foodstuff with said output means; whereby said sound of said output means is governed by physical characteristics of said foodstuff wherein changes in said physical characteristics of said foodstuff produce corresponding changes in said sound.

2. The holding device of Claim 1, wherein: said foodstuff is electrically conductive; and said control means includes a first electrically conductive member electrically associated with said housing and a second electrically conductive member electrically associated with said foodstuff,

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SUS E1

Sub E11
said first and second electrically conductive members adapted
to be electrically connected by body portions of an individual
that physically connect said first and second electrically
conductive members.

Sub D11
3 The holding device of Claim 1, wherein: said output
means includes a voltage-controlled oscillator; and said sound
includes at least one tone produced by said voltage-controlled
oscillator.

4. The holding device of Claim 1, wherein: said output
means includes a speaker and a storage member; and said sound
includes playback of at least one tone stored in said storage
member.

5. The holding device of Claim 4, wherein: said output
means further includes a distortion means for altering said
sound stored in said storage member.

Sub D2
6 The holding device of Claim 1, wherein: said output
means includes a microphone adapted to detect sounds; and said
sound includes broadcasting of at least one tone detected by
said microphone.

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2 7. The holding device of Claim 6, wherein: said output
3 means further includes a distortion means for altering said
4 sound detected by said microphone.

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6 8. The holding device of Claim 3, wherein: said output
7 means includes a microcontroller; and said sound includes
8 production of at least one query series of tones by said
9 voltage-controlled oscillator, said query series of tones
10 corresponding to a logarithm; monitoring an interaction between
11 an individual and said foodstuff; comparing said interaction
12 with an expected response; determining validity of said
13 interaction; and producing at least one response tone according
14 to said validity of said interaction; said sound being directed
15 by said microcontroller.

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17 9. The holding device of Claim 2, wherein: said sound
18 includes the production of a shocking sensation effective to
19 alter a taste of said foodstuff.

sub D3 >

10. The holding device of Claim 1, wherein: said control means regulates said sound based upon a capacitance of said circuit assembly, said capacitance being a product of an interaction between an individual and said foodstuff.

11. The holding device of Claim 10, wherein: said output means includes a voltage-controlled oscillator; and said sound includes at least one tone produced by said voltage-controlled oscillator upon electric completion of said circuit assembly, said at least one tone having a frequency proportional to said capacitance.

12. The holding device of Claim 10, wherein: said output means includes a voltage-controlled oscillator; and said sound includes at least one tone produced by said voltage-controlled oscillator upon electric completion of said circuit assembly, said at least one tone having a volume proportional to said capacitance.

13. The holding device of Claim 10, wherein: said output means includes a voltage-controlled oscillator and a microcontroller; and said sound includes production of at least one series of tones by said voltage-controlled oscillator;

1 monitoring interaction between an individual and said
2 foodstuff; determining validity of said interaction; and
3 producing at least response tone according to said validity of
4 said interaction, said sound being initiated upon electric
5 completion of said circuit assembly and being directed by said
6 microcontroller.

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Sub D4

8 14. The holding device of Claim 1, wherein: said control
9 means regulates said sound based upon a conductivity of said
10 circuit assembly, said conductivity being a product of an
11 interaction between an individual and said foodstuff.

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13 15. The holding device of Claim 14, wherein: said output
14 means includes a voltage-controlled oscillator; and said sound
15 includes at least one tone produced by said voltage-controlled
16 oscillator upon electric completion of said circuit assembly,
17 said at least one tone having a frequency proportional to said
18 conductivity.

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20 16. The holding device of Claim 14, wherein: said output
21 means includes a voltage-controlled oscillator; and said sound
22 includes at least one tone produced by said voltage-controlled
23 oscillator upon electric completion of said circuit assembly,

1 said at least one tone having a volume proportional to said
2 conductivity.

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4 17. The holding device of Claim 14, wherein: said output
5 means includes a voltage-controlled oscillator and a
6 microcontroller; and said sound includes production of at least
7 one series of tones by said voltage-controlled oscillator;
8 monitoring an interaction between an individual and said
9 foodstuff; determining validity of said interaction; and
10 producing at least response tone according to said validity of
11 said interaction; said sound being directed by said
12 microcontroller.

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14 Sub D5 > 18. The holding device of Claim 1, wherein: said
15 foodstuff is optically conductive; and said control means
16 regulates said sound based upon an amount of light passing into
17 a light registering member through said foodstuff.

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19 Sub E3 > 19. The holding device of Claim 18, wherein: said output
20 means includes a voltage-controlled oscillator; and said sound
21 includes at least one tone produced by said voltage-controlled
22 oscillator upon electric completion of said circuit assembly,

sub E3

1 said at least one tone having a frequency proportional to said
2 amount of light.

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4 20. The holding device of Claim 18, wherein: said output
5 means includes a voltage-controlled oscillator; and said sound
6 includes at least one tone produced by said voltage-controlled
7 oscillator upon electric completion of said circuit assembly,
8 said at least one tone having a volume proportional to said
9 amount of light.

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add E1